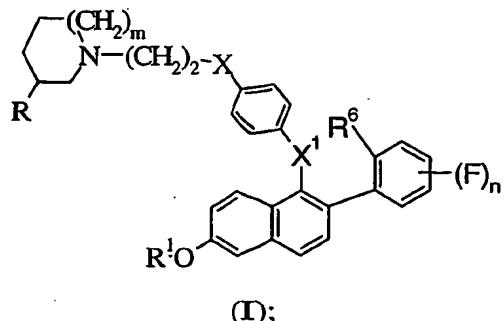


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WE CLAIM:

1. A compound of formula I:



5

wherein:

m is 0, 1 or 2;

n is 1, 2, 3 or 4;

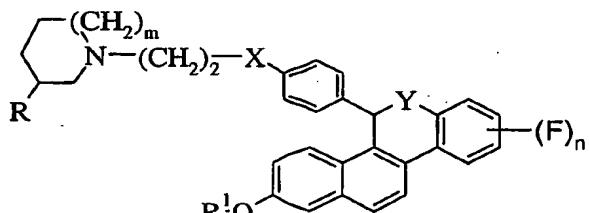
R is H or methyl provided that if m is 1 or 2, then R must be H and that if m is 0,
10 then R must be methyl;

R1 is H, SO2(n-C4-C6 alkyl) or COR2;

X is O or NR3;

X1 is O, CH2 or C=O;

R6 is H or F or R6 combines with X1 to form a moiety of the formula:



15

wherein Y is O, S, SO or NR4;

R2 is C1-C6 alkyl; C1-C6 alkoxy; NR5R5a; phenoxy; or phenyl optionally substituted with halo;

R3 and R4 are independently H or C1-C6 alkyl; and

20 R5 and R5a are independently H, C1-C6 alkyl or phenyl; or a pharmaceutical acid addition salt thereof.

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2. The compound of claim 1 whererin m is 1 or 2.
3. The compound of claim 1 or claim 2 wherein R¹ is H or COR² and R² is C₁-C₄ alkyl, NHCH₃ or phenyl.
4. The compound of any one of claims 1-3 wherein R¹ is H.
5. The compound of any one of claims 1-4 wherein X is O.
- 10 6. The compound of any one of claims 1-5 wherein X¹ is O or CH₂ and Y is O or S.
7. The compound of any one of claims 1-6 wherein m is 1, R⁶ is H or F; and X¹ is O.
- 15 8. The compound of any one of claims 1-6 wherein m is 1, R⁶ combines with X¹ and Y is O.
9. The compound of any one of claims 1-6 wherein m is 1, R⁶ combines with X¹ and Y is S.
- 20 10. The compound of any one of claims 1-9 wherein the total number of fluorine atoms at n and R is 1, 2 or 3.
- 25 11. The compound of any one of claims 1-10 wherein the total number of fluorine atoms at n and R is 1 or 2.

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12. The compound of any one of claims 1-11 wherein R^6 is H or combines with X^1 , n is 2 and the corresponding fluoro moieties are at the 3- and 5-positions.

5 13. The compound of any one of claims 1-11 wherein R^6 is H or combines with X^1 , n is 1 and the corresponding fluoro moiety is at the 4-position.

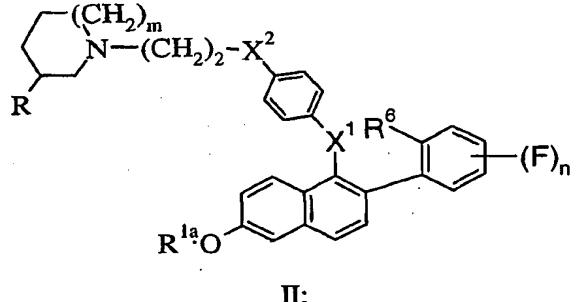
14. The hydrochloride salt of a compound of any one of claims 1-13.

10 15. A method for treating one or more vasomotor symptoms comprising administering to a woman in need thereof an effective amount of a compound of any one of claims 1-14.

15 16. A compound of any one of claims 1-14 for use in treating one or more vasomotor symptoms.

17. The method of claim 15 or the compound of claim 16 wherein one symptom is treated and that symptom is hot flash.

20 18. A compound of formula II:



wherein:

m is 0, 1 or 2;

25 n is 1, 2, 3 or 4;

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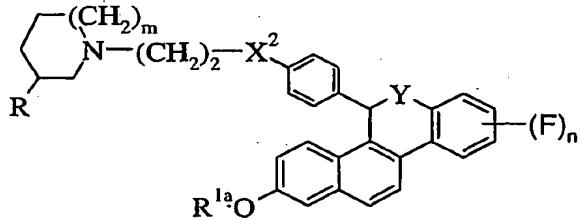
R is H or methyl provided that if m is 1 or 2, then R must be H and that if m is 0, then R must be methyl;

R^{1a} is H, SO₂CH₃, SO₂(n-C₄-C₆ alkyl), COR², C₁-C₆ alkyl or benzyl;

X¹ is O, CH₂ or C=O;

5 X² is O or NR⁷;

R⁶ is H or F or R⁶ combines with X¹ to form a moiety of the formula:



wherein Y is O, S, SO or NR⁴;

R² is C₁-C₆ alkyl; C₁-C₆ alkoxy; NR⁵R^{5a}; phenoxy; or phenyl optionally

10 substituted with halo;

R⁴ is H or C₁-C₆ alkyl;

R⁵ and R^{5a} are independently H, C₁-C₆ alkyl or phenyl;

R⁷ is H, C₁-C₆ alkyl or CO₂(C₁-C₆ alkyl); provided that if R^{1a} is H, SO₂(n-C₄-C₆ alkyl) or COR², then X² is NR⁷ and R⁷ is CO₂(C₁-C₆ alkyl); or an acid addition salt

15 thereof.

19. The compound of claim 18 wherein m is 1 or 2 and R^{1a} is SO₂CH₃, benzyl or methyl.

20. The compound of claim 18 or claim 19 wherein X² is O.

21. The compound of any one of claims 18-20 wherein X¹ is O or CH₂ and Y is O or S.

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22. The compound of any one of claims 18-21 wherein m is 1, R⁶ is H or F and X¹ is O.

23. The compound of any one of claims 18-21 wherein m is 1, R⁶ combines with X¹ and Y is O.

5 24. The compound of any one of claims 18-21 wherein m is 1, R⁶ combines with X¹ and Y is S.

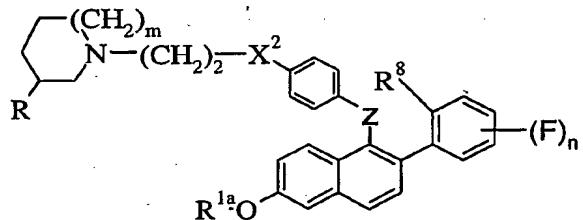
10 25. The compound of any one of claims 18-24 wherein the total number of fluorine atoms at n and R is 1, 2 or 3.

26. The compound of any one of claims 18-25 wherein the total number of fluorine atoms at n and R is 1 or 2.

15 27. The compound of any one of claims 18-26 wherein R⁶ is H or combines with X¹, n is 2 and the corresponding fluoro moieties are at the 3- and 5-positions.

20 28. The compound of any one of claims 18-26 wherein R⁶ is H or combines with X¹, n is 1 and the corresponding fluoro moiety is at the 4-position.

29. A compound of formula III:



25

wherein:

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m is 0, 1 or 2;

n is 1, 2, 3 or 4;

R is H or methyl provided that if m is 1 or 2, then R must be H and that if m is 0, then R must be methyl;

5 R^{1a} is H, SO₂CH₃, SO₂(n-C₄-C₆ alkyl), COR², C₁-C₆ alkyl or benzyl;

R⁸ is OH, O(C₁-C₆ alkyl), S(C₁-C₆ alkyl) or NR⁴(CO₂(C₁-C₆ alkyl))

X² is O or NR⁷;

Z is C=O or CHOH;

R² is C₁-C₆ alkyl; C₁-C₆ alkoxy; NR⁵R^{5a}; phenoxy; or phenyl optionally

10 substituted with halo;

R⁴ is H or C₁-C₆ alkyl;

R⁵ and R^{5a} are independently H, C₁-C₆ alkyl or phenyl; and

R⁷ is H, C₁-C₆ alkyl or CO₂(C₁-C₆ alkyl); or an acid addition salt

thereof.

15

30. The compound of claim 29 wherein m is 1 or 2 and R^{1a} is H, SO₂CH₃, benzyl or methyl.

31. The compound of claim 29 or claim 30 wherein X² is O and m is 1.

20

32. The compound of any one of claims 29-31 wherein n is 1, 2 or 3.

33. The compound of any one of claims 29-32 wherein n is 1 or 2.

25

34. The compound of any one of claims 29-33 wherein n is 2 and the corresponding fluoro moieties are at the 3- and 5-positions.

35. The compound of any one of claims 29-33 wherein n is 1 and the corresponding fluoro moiety is at the 4-position.

30

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36. The compound of any one of claims 29-35 wherein R⁸ is OH, O(CH₃), OCH(CH₃)₂, S(CH₃) or NR⁴(CO₂(t-butyl)) and R⁴ is H or methyl.